3455

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	3455	039	02	15	78	28AI	3526	7525

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0010	02	02	05	032	Y	NE	20

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
3	CL	SA	5	FT	151	—	13	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00003	0000	0000	00000

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3L1			PO	DO
START	35° 26′	75° 25′	1153	4823	10		1323	1324
							PU	ON
FINISH	35° 27′	75° 26′	1152	4827	7		1354	1359

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
100	1300/2/5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Positive Aw adv ances

3 Am Shad 4 Blue back 3 Alewife

FIN	CRUST	SHELL	OTHER
3.2	0	0	0

R/V DAN MOORE SPECIES LIST

STA. NO. 3455 DATE 15 Feb 19 78 BIOLOGISTS EH SGK SWG DL

TOT. CATCH WT. 3.2 AIR 5.0°C SURFACE 2.0°C BOTTOM 1.8°C

SAMPLE WT. — RAISING FACTOR — GRID 28 AI

		SUBSAMPLE		TOTAL			
SPECIES	C or NC	NUMBER	WEIGHT	NO.	WT.	$\bar{X}$ WT	REMARKS
Alosa pseudoharengus				3	0.3	0.1	133, 133, 133
Anchoa mitchilli				non-quantitative			
Pollachius virens				1	1.0	1.0	gutted
Clupea harengus				1	1.0	1.0	
Merluccius bilinearis				6	[illegible]	<0.1	
Alosa pseudoharengus				3	0.3	0.1	116, 116, 116
Alosa pseudoharengus				4	0.4	0.1	124, 116, 124, 124

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Species: Atheresthes stomias

STATION: 3455
GRID: 28 AI
DATE: 15 Feb '78

Specimen #	Fork Length (mm)	Sex	Scales or Otoliths	Age	Spawning Marks	Remarks
1	116	UNK				Area IV
2	125	"				
3	127	"				
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						

Species: Atsa pseudoharengus

STATION: 3455
GRID: 28AI
DATE: 13 Feb 78

Specimen #	Fork Length (mm)	Sex	Scales or Otoliths	Age	Spawning Marks	Remarks
1	131	VNK				Area IV
2	133	"				
3	113	"				
4						
5						
6						
7						
8						
9						
10						
11						
12						Inshore
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						

Species: Alosa aestivalis

STATION: 34
GRID: 28 A I
DATE: 15 F

Specimen #	Fork Length (mm)	Sex	Scales or Otoliths	Age	Spawning Marks	Remarks
1	84	UNK				Alosa
2	108	"				
3	85					
4	74	"				
5						
6						
7						Alosa
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *Alosa aestivalis* STATION: 3455-3476

DATE: FEB 78 LOCALITY: Area IV MASTER

T.L.	♂	♀	SEX COMB
50-59.9			
60-			
70-			
80-			
90-			
100-			
110-			
120-			
130-			
140-			
150-	III (3)		3
160-	𝍸 𝍸 II (12)	IIII (4)	16
170-	𝍸 I (6)	𝍸 𝍸 II (12)	18
180-	III (3)	𝍸 (5)	8
190-	II (2)	III (3)	5
200-		I (1)	1
210-	𝍸 (5)	III (3)	8
220-	IIII (4)	I (1)	5
230-	IIII (4)	II (2)	6
240-	I (1)		1
250-	I (1)		1
260-		II (2)	2
270-		II (2)	2
280-		I (1)	1
290-	I (1)		1
300-		I (1)	1
310-			
320-			
330-	N= 42	N= 37	N= 79
340-			
350-			
360-			
370-			
380-			
390-			
400-			
410-			
420-			
430-			
440-			
450-			
460-			
470-			
480-			
490-			
500-			
510-			
520			
530-			
540-			

T.L.	JUV
550-	
560-	
570-	
580-	
590-	
600-	
610-	
620-	
630-	
640-	
650-	JUV
660-	
670-	
680-	
690-	
700-	

STATION	IN	RANGE	
3455	4	74 - 108	
3458	54	65 - 83	
3460	29	72 - 88	
3461	89	67 - 88	
3463	3	80 - 92	
3464	4	65 - 78	
3470	16	58 - 76	
3471	33	63 - 93	
3476	3	72 - 83	
TOTAL	235	58 - 108	

TOTAL

♂	N= 42	range	157 - 293
♀	N= 37	range	163 - 300
SEX COMB	N= 79	range	157 - 300

PAGE ___ OF ___

L[illegible] -- FREQUENCY DISTRIBUTION

SPECIES: [illegible]

DATE: 2/15/94

STATION: 3457

LOCALITY: [illegible]

T. L.					T. L.				
50-59.9					550-				
60-					560-				
70-					570-				
80-					580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL				
240-						NOT PRINT		JUV: N=4	
250-									
260-						Range: 74- [illegible]			
270-									
280-									
290-									
300-									
310-									
320-									
330-									
340-									
350-									
360-									
370-									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520-									
530-									
540-									

PAGE ___ OF ___

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *Hiosa saxatilis*

STATION: 3455 - 3476

DATE: [illegible] 75

LOCALITY: Area IV [illegible]

T.L.	♂	♀	UNK	COMB	T.L.	SEX	STATION	N	RANGE
50-59.9					550-		3455	1	116
60-					560-		3453	6	103 - 165
70-					570-		3466	3	87 - 110
80-					580-		3468	4	95 - 118
90-					590-		3469	5	92 - 119
100-					600-		3470	5	98 - 106
110-					610-		3471	5	94 - 120
120-			3	3	620-				
130-		1	3	4	630-	JAW	TOTAL	N=29	87 - 120
140-		1		1	640-				
150-		1	1	2	650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-		1		1					
230-	1	3		4	TOTAL				
240-	3	2		5		♂	N=6	RANGE	237 - 271
250-	1	2		3		♀	N=13	"	139 - 261
260-		1		1		UNK	N=7	"	125 - 153
270-	1			1		COMB	N=25	"	125 - 271
280-									
290-	N=6	N=13	N=7	N=25					
300-									
310-									
320-									
330-									
340-									
350-									
360-									
370									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-								PAGE ___ OF ___	

LARVAL FREQUENCY DISTRIBUTION

SPECIES: Alosa sapidissima

DATE: 2/15/78

STATION: 8WEST

LOCALITY: Hudson River 284E

T. L.	♂	♀	UNK	
50-59.9				
60 -				
70 -				
80 -				
90 -				
100 -				
110 -				
120 -			2	
130 -				
140 -				
150 -				
160 -				
170 -				
180 -				
190 -				
200 -				
210 -				
220 -				
230 -				
240 -				
250 -				
260 -				
270 -				
280 -				
290 -				
300 -				
310 -				
320 -				
330 -				
340 -				
350 -				
360 -				
370				
380 -				
390 -				
400 -				
410 -				
420 -				
430 -				
440 -				
450 -				
460 -				
470 -				
480 -				
490 -				
500 -				
510 -				
520				
530 -				
540 -				

T. L.				
550 -				
560 -	JUVS	N=1	RANGE	116
570 -				
580 -				
590 -				
600 -				
610 -				
620 -				
630 -				
640 -				
650 -				
660 -				
670 -				
680 -				
690 -				
700 -				
TOTAL				
	UNK	N=2	ranged	125-129

PAGE ___ OF ___

LENGTH FREQUENCY DISTRIBUTION

SPECIES: [illegible] pseudo[illegible]

DATE: Feb 78

STATION: 3455 - 3472

LOCALITY: AREA IV SUMMARY

T. L.	♂	♀	UNSEX	COMB	T. L.	JUV	STATION	N	RANGE
50-59.9					550 -		3455	1	113
60 -					560 -		3458	50	69 - 118
70 -					570 -		3461	8	83 - 115
80 -					580 -		3463	4	94 - 103
90 -					590 -		3464	1	111
100 -					600 -		3469	2	83 - 98
110 -					610 -		3470	5	70 - 92
120 -	1	2	1	4	620 -		3472	5	104 - 114
130 -	1		3	4	630 -				
140 -		1		1	640 -	JUV	TOTAL	76	69 - 118
150 -	2	2		4	650 -	NON JUV			
160 -	2	1		3	660 -				
170 -	2	3	1	6	670 -				
180 -	3	1		4	680 -				
190 -	6	1		7	690 -				
200 -	4	2		6	700 -				
210 -	5	1		6					
220 -	3	4		7					
230 -	8	5		13	TOTAL				
240 -	6	5		11		♂	N = 60	RANGE	129 - 278
250 -	7	6		13		♀	N = 47	RANGE	124 - 311
260 -	9	6		15		UNSEX	N = 5	RANGE	[illegible]
270 -	1			1		COMB	N = 112	RANGE	122 - 311
280 -		3		3					
290 -		2		2					
300 -		1		1					
310 -		1		1					
320 -									
330 -	N = 60	N = 47	N = 5	112					
340 -									
350 -									
360 -									
370									
380 -									
390 -									
400 -									
410 -									
420 -									
430 -									
440 -									
450 -									
460 -									
470 -									
480 -									
490 -									
500 -									
510 -									
520									
530 -									
540 -									

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *Alosa pseudoharengus*

STATION: 3455

DATE: 2/15/78

LOCALITY: AREA IV 28A2

T.L.	♂	♀	UNSEX	COMB
50-59.9				
60-				
70-				
80-				
90-				
100-				
110-				
120-				
130-			2	
140-				
150-				
160-				
170-				
180-				
190-				
200-			N=2	
210-				
220-				
230-				
240-				
250-				
260-				
270-				
280-				
290-				
300-				
310-				
320-				
330-				
340-				
350-				
360-				
370				
380-				
390-				
400-				
410-				
420-				
430-				
440-				
450-				
460-				
470-				
480-				
490-				
500-				
510-				
520				
530-				
540-				

T.L.
550-
560-
570-
580-
590-
600-
610-
620-
630-
640-
650-
660-
670-
680-
690-
700-
TOTAL

NON QUANT JUVS.

N=1 RANGE 113

UNSEX N=2 RANGE 131-133

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3455